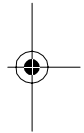
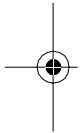


Cat. No. 12-1613

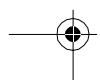
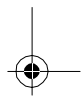
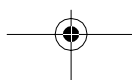
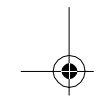
OWNER'S MANUAL

Please read before using this equipment.

AM/FM Clock Radio



OPTIMUS®



FEATURES

Your AM/FM Clock Radio is a superior electronic design that has many special features:

Large Digital Display with Brightness Control — makes the clock easy to read.

Push Button Operation — makes the clock radio easy to use.

Sleep Feature — plays the radio for up to 2 hours before it automatically turns off.

Snooze Feature — temporarily silences the alarm or radio for about 9 minutes so you can get a few extra minutes of sleep.



Battery Back-Up with Battery Sentinel® — keeps the clock running and the alarm set if power is interrupted and lets you know when the battery needs to be replaced.

Alarm Setting — lets you set the alarm to sound or the radio to turn on at the preset time.

Extra-Loud Alarm — 96 decibel alarm adds extra volume to wake deep sleepers.

Note: Your clock radio needs a 9V battery for back-up power.

Warning: To prevent fire or shock hazard, do not expose this product to rain or moisture.

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVISING TO QUALIFIED PERSONNEL.</p>		



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

The graphical symbols with supplemental markings are located on the bottom of the radio.

Caution: To prevent electric shock, one blade on the AC power cord's plug is wider than the other and the plug only fits one way. If you cannot easily insert the plug, turn it over and try again. Do not force it.

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RadioShack is a trademark used by Tandy Corporation.

PREPARATION

CONNECTING TO AC POWER

Plug the clock radio's power cord into a standard AC outlet. The display flashes.

tery, install it only after connecting the clock radio to AC power.

1. Push the battery compartment latch in the direction of the arrow and lift off the battery compartment cover.

illustration of cord
being plugged in

illustration

INSTALLING A BACK-UP BATTERY

Your clock radio uses a 9V battery (not supplied) to operate the clock and alarm during a power failure. The display turns off, but the clock operates for at least 8 hours if the time has been set, and the alarm continues to sound for at least 10 minutes after the power failure. For the best performance, we recommend an alkaline battery, such as RadioShack Cat. No. 23-553.

Caution: Use only a fresh battery of the required size and type.

The BATTERY SENTINEL indicator appears if the back-up battery is not installed or needs to be replaced. To prevent unnecessary drain on the bat-

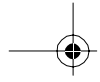
2. Snap the clock radio's battery contacts onto the battery's terminals, then insert the battery into the compartment. The BATTERY SENTINEL indicator turns off.

illustration of
battery being put in
the compartment

Note: If the BATTERY SENTINEL indicator remains lit, press **SNOOZE** to reset the indicator. If the indicator remains lit after **SNOOZE** is pressed, replace the back-up battery.

3. Replace the cover.

Warning: Always dispose of old batteries promptly and properly.



OPERATION

SETTING THE TIME

1. Hold down **TIME**, then press **HOUR**. The hour digits advance by 1 each time you press **HOUR**. (Press and hold **HOUR** to rapidly advance the hour digits.)

illustration

ADJUSTING THE DISPLAY BRIGHTNESS

You can change the brightness of the display by setting the **DIMMER** switch on the side of the clock radio to **HI** or **LO**.

illustration

The PM indicator appears on the bottom left side of the display if you set the alarm to a PM hour.

2. Hold down **TIME**, then press **MINUTE**. The minute digits advance by 1 each time you press **MINUTE**. (Press and hold **MINUTE** to rapidly advance the minute digits.)

illustration

PLAYING THE RADIO

1. Set **ALARM/AUTO/OFF/ON** to **ON**.

illustration

2. Set **AM/FM** to the desired band.

illustration

Note: The display shows minutes and seconds when **ALARM** and **SLEEP** are held down together.

Notes:

- The clock radio has a built-in AM antenna. For the best AM reception, rotate the radio.
 - The radio's power cord acts as the FM antenna. For the best FM reception, fully extend the power cord.
3. Adjust **TUNING** to the desired station.

USING THE ALARM

Setting the Alarm Time

1. Set **ALARM/AUTO/OFF/ON** to **OFF**.
2. Hold down **ALARM**, then press **HOUR**. The hour digits advance by 1 each time you press **HOUR**. (Press and hold **HOUR** to rapidly advance the hour digits.)

illustration

4. Rotate **VOLUME** to the desired sound level.

illustration

5. Turn off the radio by setting **ALARM/AUTO/OFF/ON** to **OFF**.

illustration

The PM indicator appears on the bottom left side of the display if you set the alarm to a PM hour.

3. Hold down **ALARM**, then press **MINUTE**. The minute digits advance by 1 each time you press **MINUTE**. (Press and hold **MINUTE** to rapidly advance the minute digits.)

illustration

To view the alarm time at any time, hold down **ALARM**.

Waking to the Alarm

To wake to the alarm, set **ALARM/AUTO/OFF/ON** to **ALARM**. The ALARM indicator lights.

illustration

At the preset alarm time, the alarm sounds, then turns off after about 2 hours.

To turn off the alarm sooner, set **ALARM/AUTO/OFF/ON** to **OFF**.

To stop the buzzer and turn on the radio, set **ALARM/AUTO/OFF/ON** to **AUTO** to play the radio for about 2 hours or to **ON** to leave the radio on.

To reset the alarm to sound again at the same time the next day, set it back to **ALARM**.

Waking to the Radio

Set the radio to the desired station and volume, then set **ALARM/AUTO/OFF/ON** to **AUTO**. The ALARM indicator lights.

illustration

At the preset time, the radio turns on, then automatically turns off after about 2 hours.

To turn off the radio sooner, set **ALARM/AUTO/OFF/ON** to **OFF**.

To reset the alarm or radio to sound again at the same time the next day, set it back to **ALARM** or **AUTO**.

USING THE SLEEP TIMER

You can set the radio to play for up to 2 hours and then automatically turn off.

1. Make sure the radio is off by setting **ALARM/AUTO/OFF/ON** to **OFF**.
2. Follow these guidelines to set the sleep timer to the desired time.

To play the radio for 1 hour, press **SLEEP** once.

To play the radio for less than 1 hour.

- Press and hold **SLEEP**. The radio displays 0 : 59.
- While you hold **SLEEP**, press **MINUTE**. The minutes decrease by 1 each time you press minute. (Hold **MINUTE** to rapidly decrease the play time.)

To play the radio for the maximum of 2 hours.

- Press and hold **SLEEP**. The radio displays 0 : 59.

- While you hold **SLEEP**, press **HOUR** once. The time increases to 1 hour, 59 minutes.

Note: The radio turns off after 1 hour, 59 minutes, 59 seconds (2 hours). You cannot adjust the seconds.

To play the radio for more than 1 hour, but less than 2 hours.

- Press and hold **SLEEP**. The radio displays **0 : 59**.
- While you hold **SLEEP**, press **HOUR** once. The time increases to 1 hour, 59 minutes.
- While you hold **SLEEP**, press **MINUTE**. The minutes decrease by 1 each time you press **MINUTE**. (Hold **MINUTE** to rapidly decrease the play time.)

3. To turn off the radio before it automatically turns off, press **SNOOZE**.

USING SNOOZE

To temporarily silence the alarm buzzer or radio, press **SNOOZE**. This silences the alarm for about 9 minutes.

illustration

You can repeat this cycle as many times as you like. To turn off the alarm so it does not sound again, set **ON/OFF/AUTO/ALARM** to **OFF**.

CARE AND MAINTENANCE

Your AM/FM Clock Radio is an example of superior design and craftsmanship. The following suggestions will help you care for the clock radio so you can enjoy it for years.



Keep the clock radio dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Handle the clock radio gently and carefully. Dropping it can damage circuit boards and cases and can cause the clock radio to work improperly.



Use and store the clock radio only in normal temperature environments. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.



Keep the clock radio away from dust and dirt, which can cause premature wear of parts.



Wipe the clock radio with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the clock radio.

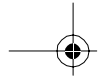
Modifying or tampering with the clock radio's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your clock radio is not performing as it should, take it to your local RadioShack store for assistance.

THE FCC WANTS YOU TO KNOW

Your clock radio might cause TV or radio interference even when it is operating properly. To determine whether your clock radio is causing the interference, turn off your clock radio. If the interference goes away, your clock radio is causing the interference. Try to eliminate the interference by:

- Moving your clock radio away from the TV or another radio
- Connecting your clock radio to an outlet that is on a different electrical circuit from the TV or another radio
- Contacting your local RadioShack store for help

If you cannot eliminate the interference, the FCC requires that you stop using the clock radio.



SPECIFICATIONS



Bands AM: 530–1710 kHz
FM: 88–108 MHz

Power Output 450 mW (maximum)

Speaker 3 Inch (7.6 cm) Ferrite, Dynamic-Type, 4 Ohm

Alarm 96 dB

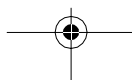
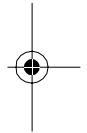
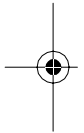
Power Requirements 120V AC, 60 Hz, 8 W

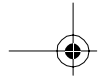
Back-up Battery 9V DC

Dimensions (HWD) $2\frac{3}{8} \times 9\frac{5}{8} \times 6\frac{1}{8}$ Inches ($60 \times 245 \times 155$ mm)

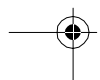
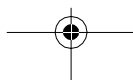
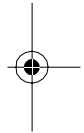
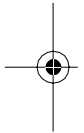
Weight 1 lb 15 oz (885 g)

Specifications are typical; individual units might vary. Specifications and designs are subject to change and improvement without notice.





NOTES



RadioShack Limited Warranty

This product is warranted against defects for 90 days from date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your RadioShack sales slip** as proof of purchase date to any RadioShack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

We Service What We Sell

10/95

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Fort Worth, Texas 76102

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Printed in Hong Kong